

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- TASK NO. 99124 445	562297604089	01

TASK TITLE: (NTE 80 characters; include Project name)

Advanced Photonic Engineering and Fabrication Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Harry Shaw <i>H. Shaw</i>	<i>12/20/00</i>	562	562	301-286-6616
BRANCH HEAD	DATE	CODE	PHONE	
Darryl Lakins <i>Darryl D. Lakins</i>	<i>12/20/00</i>	562	301-286-6382	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
for Robert S. Leclair, Jr. <i>Richard A. Clark</i>	<i>12/22/00</i>	560	301-286-6588	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REV.	DESIGNATED FAM:		
(x) NO () YES				

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:
Date:

Contractor will develop specification or statement of work under this task for a future proc	(X) No () YES
Flight hardware will be shipped to GSFC for testing prior to final del	() YES (X) N/A
Government Furnished Property/Facility	(X) No () YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	() NO (X) YES If yes: <input checked="" type="checkbox"/> TOTAL () Partial If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	(X) No () YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(to be completed by Contracting Officer)

The target cost of this task order is \$_____.

The target fee of this task order is \$_____.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$_____.

The maximum fee is \$_____.

The minimum fee is \$0.

AUTHORIZED SIGNATURE

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER
CONTRACTOR'S ACCEPTANCE:		
AUTHORIZED SIGNATURE	DATE	

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CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	445	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK:**Background**

Consultant and hardware engineering services are required to support ongoing work in the Component Technologies and Radiation Effects Branch of the NASA/Goddard Space Flight Center. The main area of focus is for services in the Advanced Photonic Interconnection Manufacturing (APIM) Laboratory and the Technology Validation Assessment (TVA Photonics)

Description of Work

Provide prototype development, device manufacturing and technology validation engineering and test services in the following areas:

1. Support of proposal efforts for Code 562
2. Direction and management of the APIM Laboratory and the TVA photonics lab.
3. Development and testing of photonic systems, packages and devices.
4. Support of sol gel sensor development and testing.
5. Support of fiber optic laser system development and testing.
6. Support of manufacturing and testing of optical fiber cable assemblies and integration and test support cables.
7. Termination services to the GSFC projects for prototyping and ground support.
8. Optical fiber radiation testing, analysis and reporting for projects at GSFC.
9. Optical fiber cable and photonic environmental qualification and characterizations for space flight projects as well as technology validation consulting.
10. Support to NEPP when required.
11. Support to all space flight projects regarding the proper usage for COTS optical fiber cable and space flight cable.
12. Leadership of the IPPAQ optoelectronics task.

PERFORMANCE SPECIFICATIONS:

Test Setups: shall meet the parameters defined by the ATR prior to each test.

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Analyses shall be documented in a report format using photographs and diagrams as necessary and addressing objectives, techniques, results, conclusions, and recommendations. Reports shall be suitable for distribution to the Center, Agency, and parts community.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of is that the ATR is issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 1/31/02**MILESTONES/DELIVERABLES AND DATES:**

1. Technical Progress Report: 15th of each month
2. Proposal presentations and technical papers: 30 days from ATR's request
3. Experimental set ups for testing : 10 days from ATR's
4. Test Reports: 10 days after completion of testing

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above deliverables/milestones
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Harry Shaw, Building 6, room S18